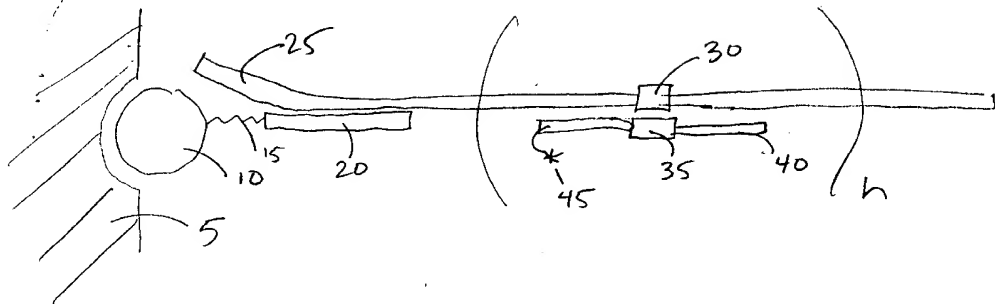
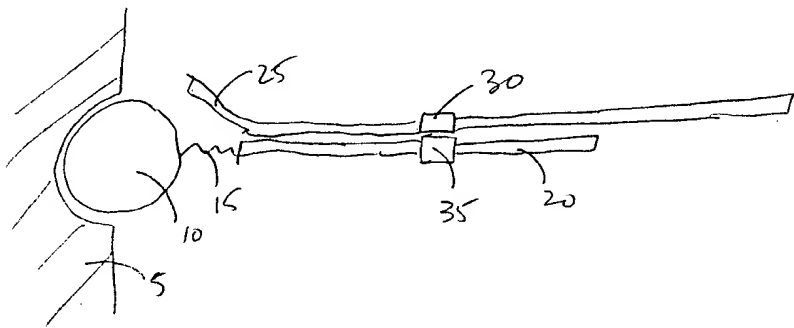


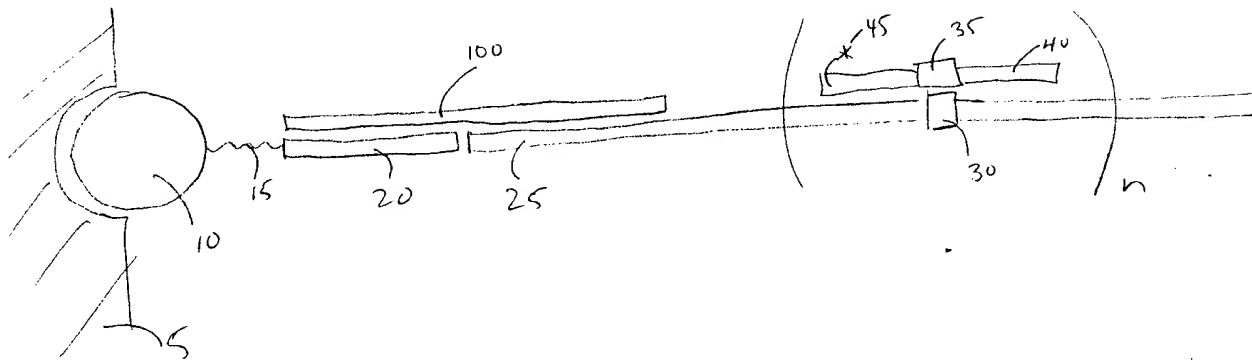
Fig 1



A

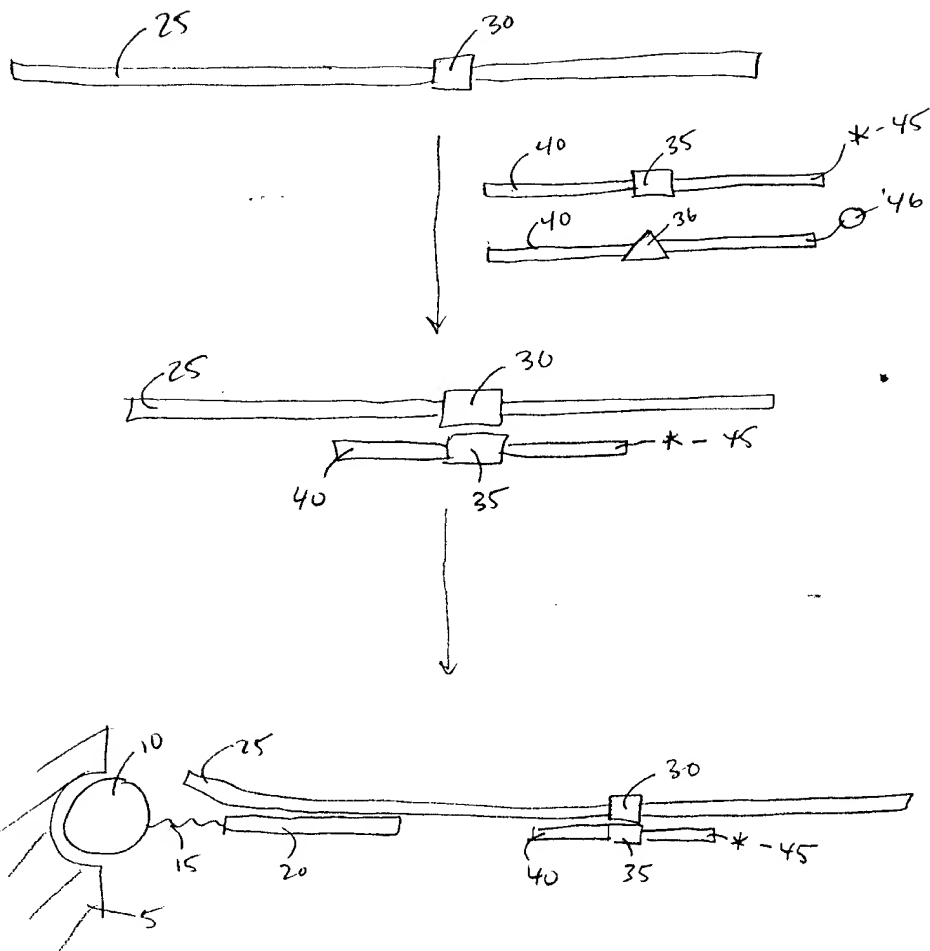


B

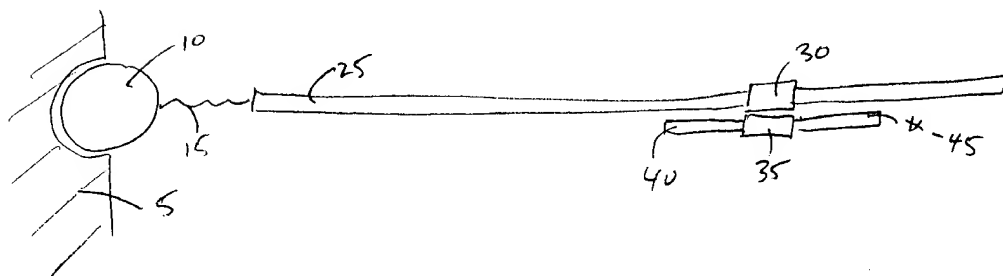


C

Fig 1 cont

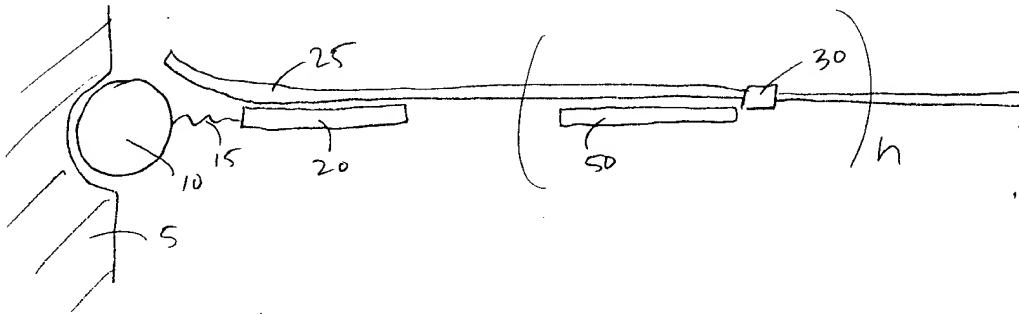


D

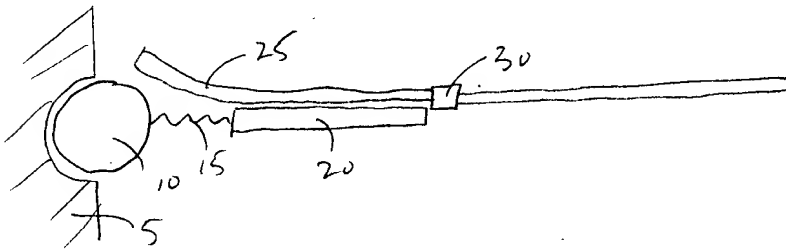


E

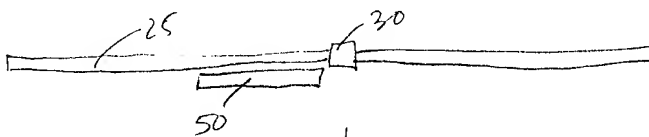
Fig (2)



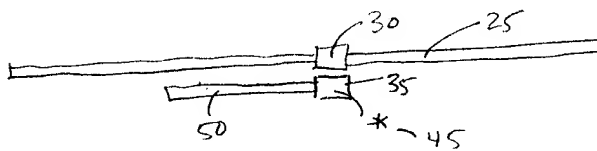
A



B

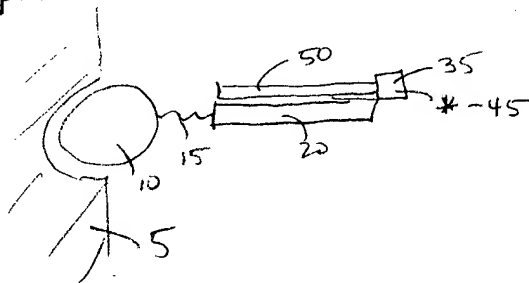


labelled NTP ↓ enzyme



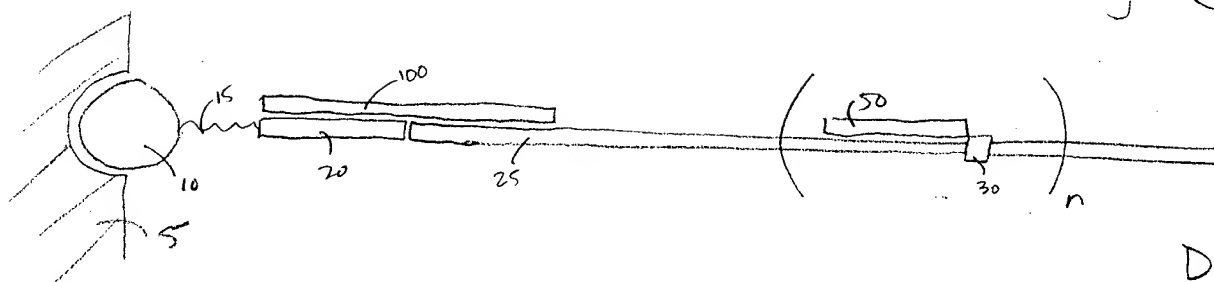
optional removal of unextended primers

↓ denature, add to array



C

Fig: (2)



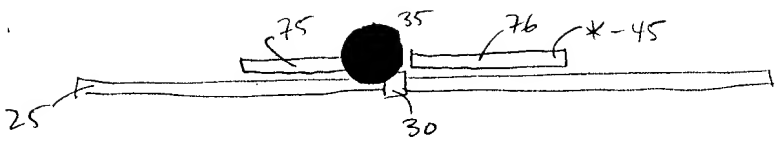
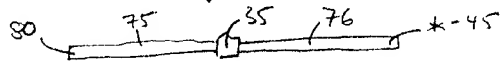
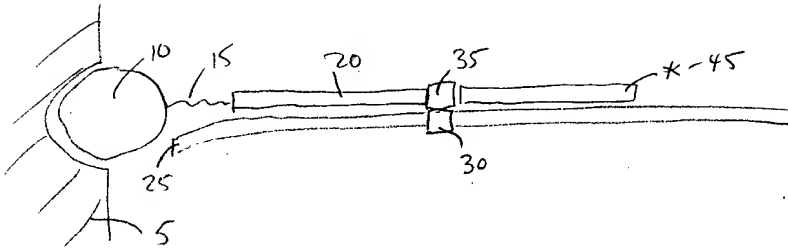
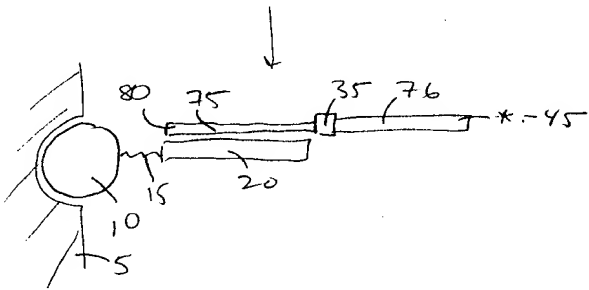


Fig 3

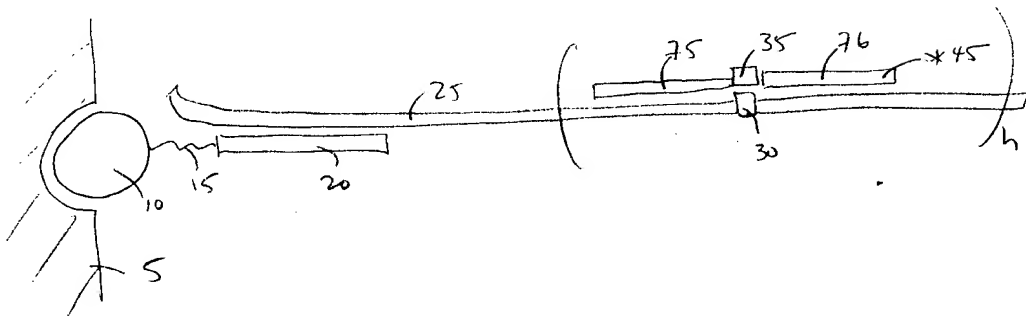
ligase



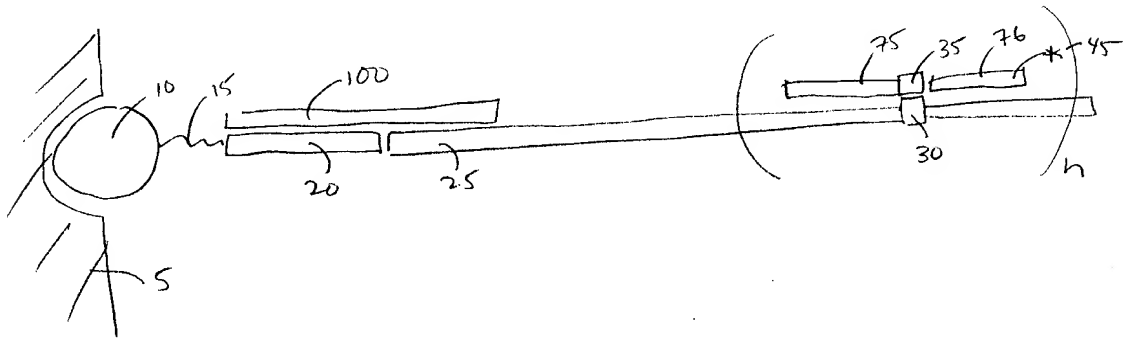
A



B



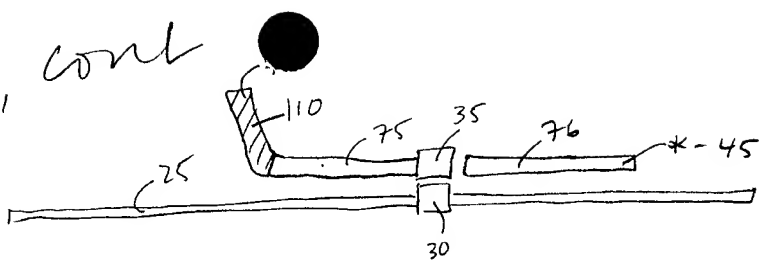
C



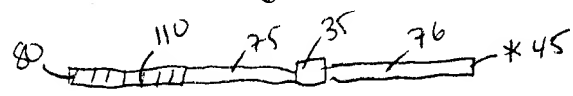
D

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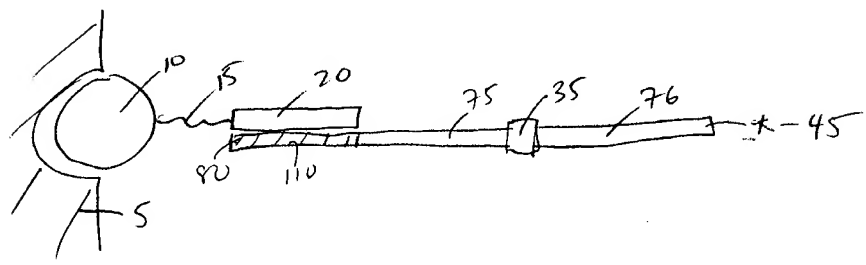
fig. 3, cont



↓  
ligate



↓  
to array



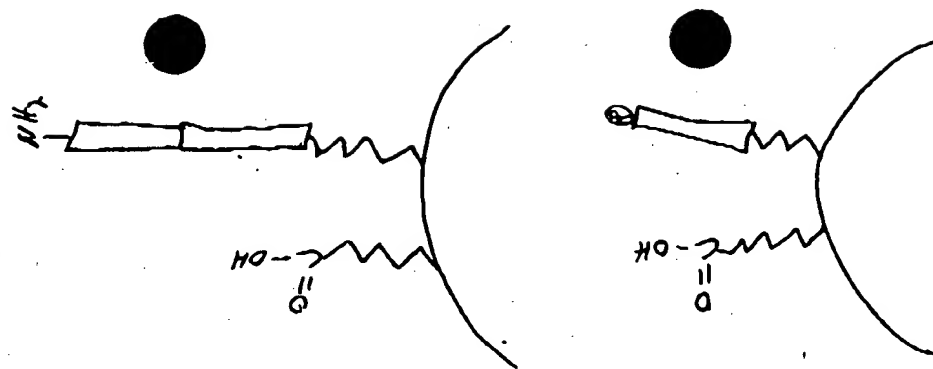
E

~~SPOLA~~

# SPOLA Assay

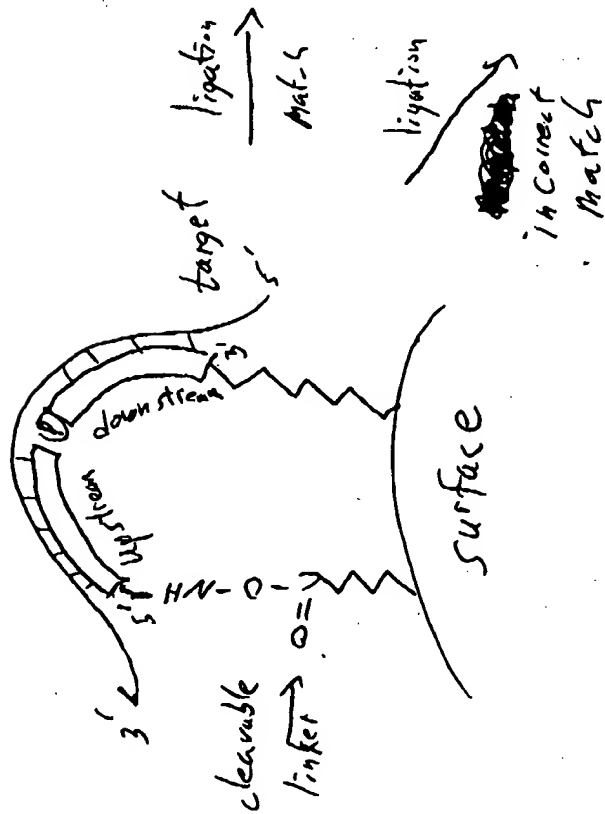
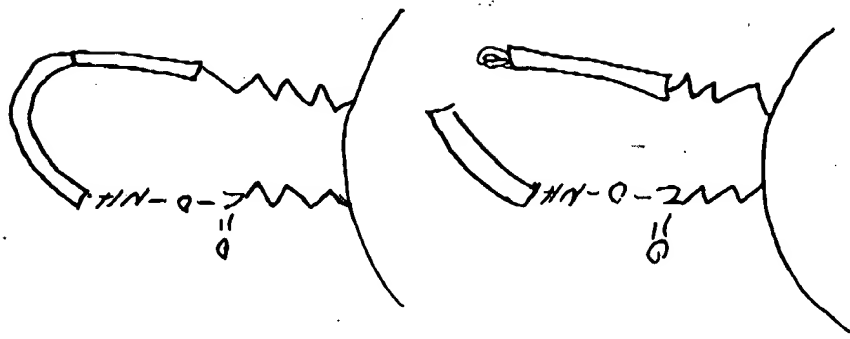
Fig ~~XXE~~

(4)



cleavage

cleavage



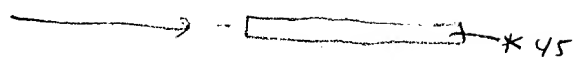
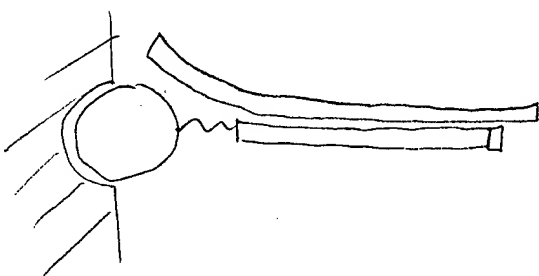
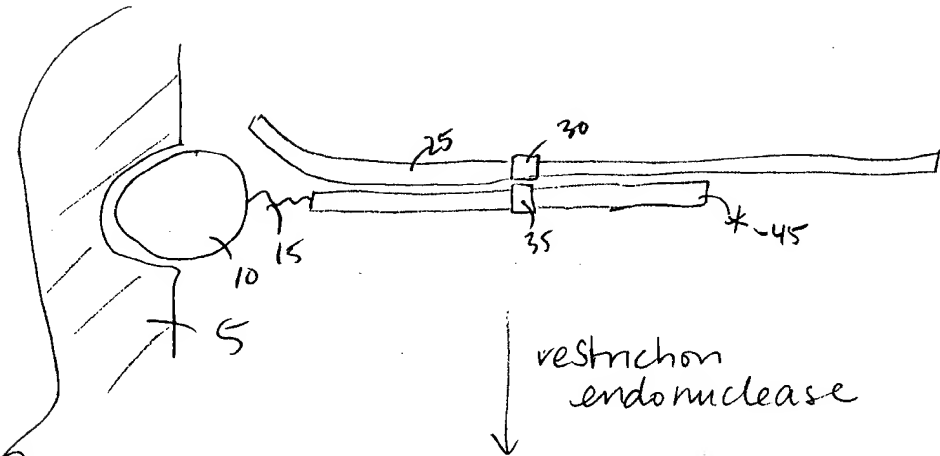
A.

B.

C.

Fig 5

A



B

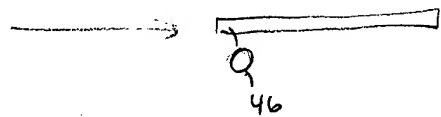
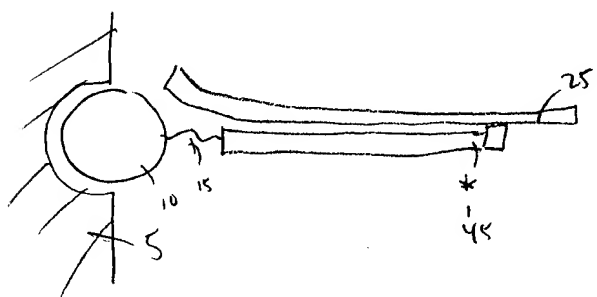
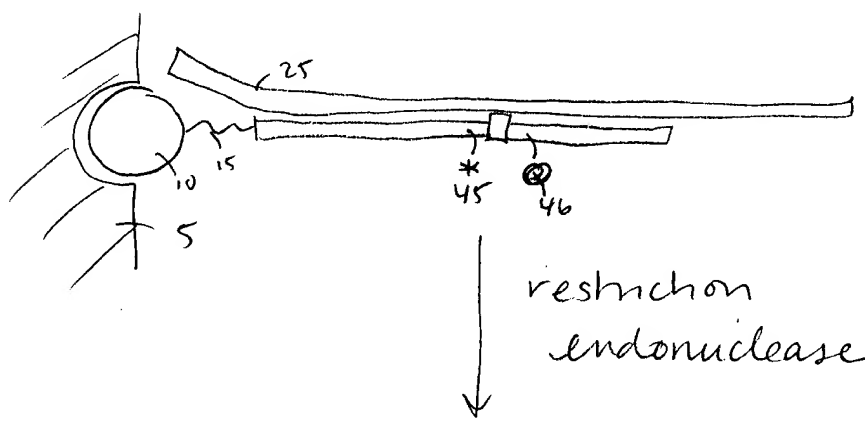
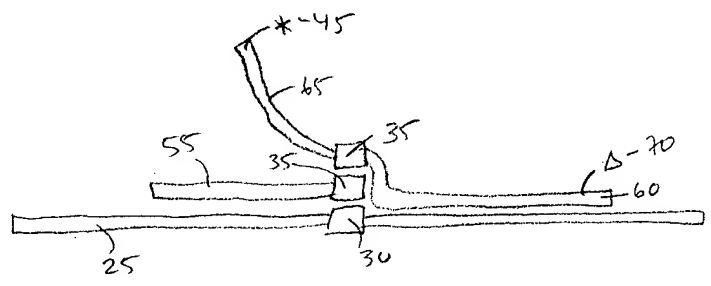
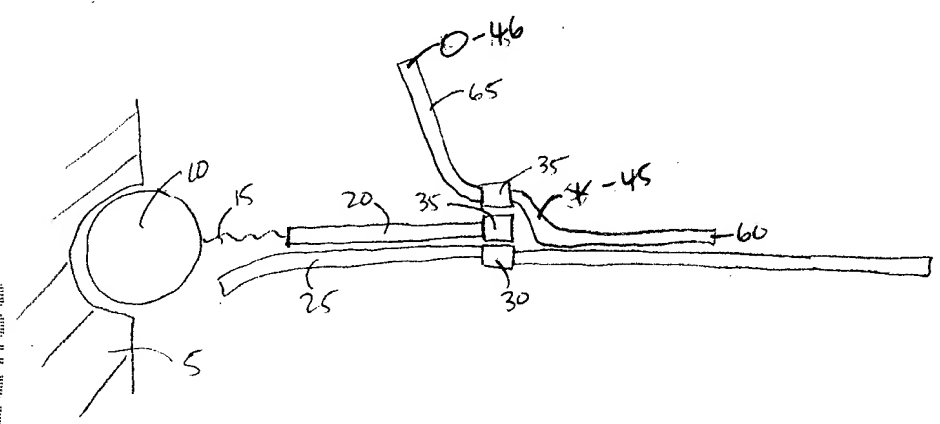
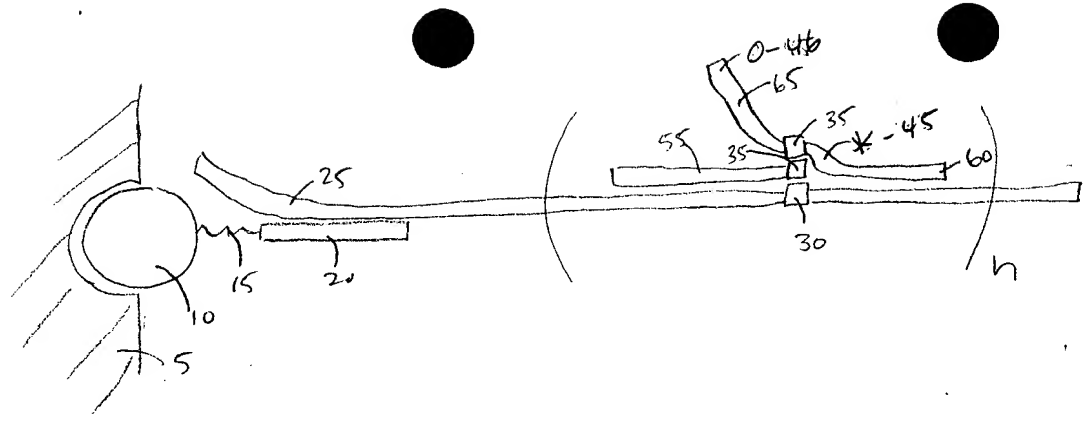
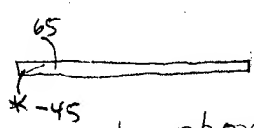




Fig. 6



enzyme



optional remove uncleaved signal probe, add to array

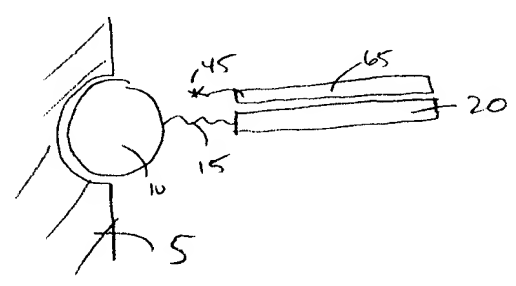
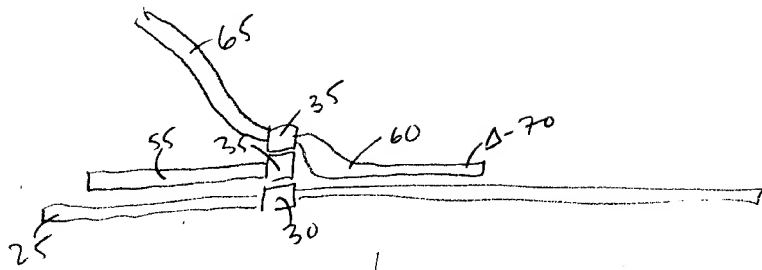
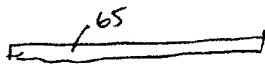


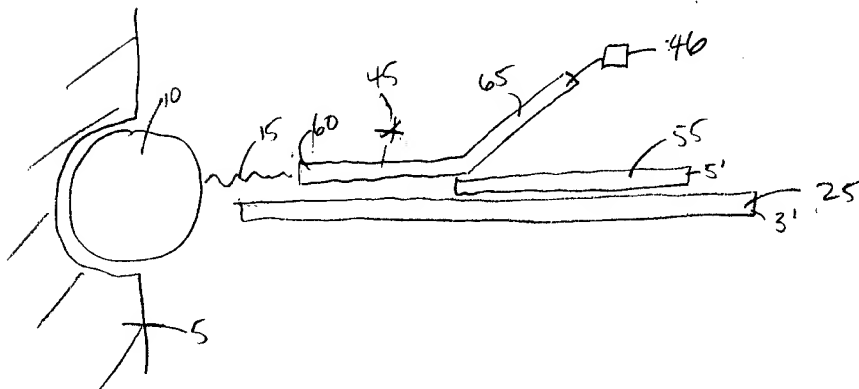
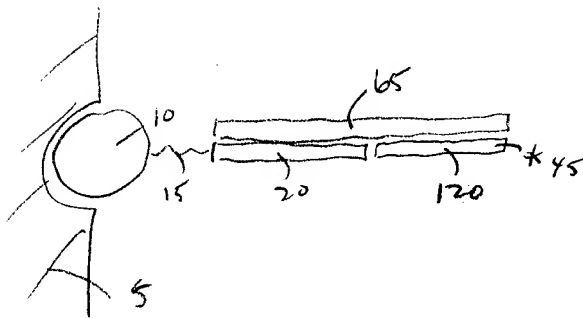
Fig 26



enzyme



optional removal of  
unreacted primers,  
optional ligase



D

6E-A

Fig 7

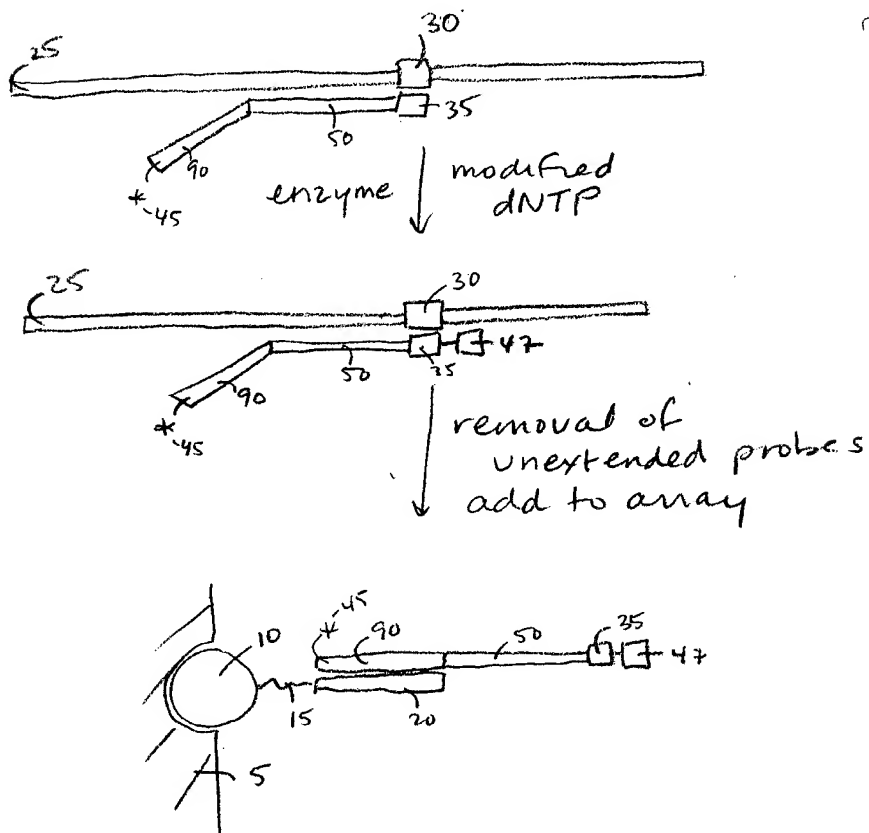
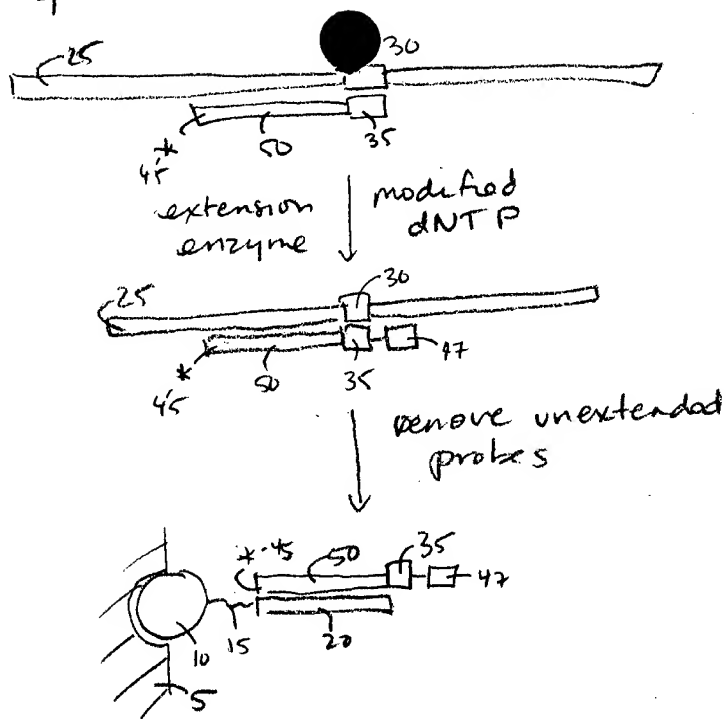


Fig 7

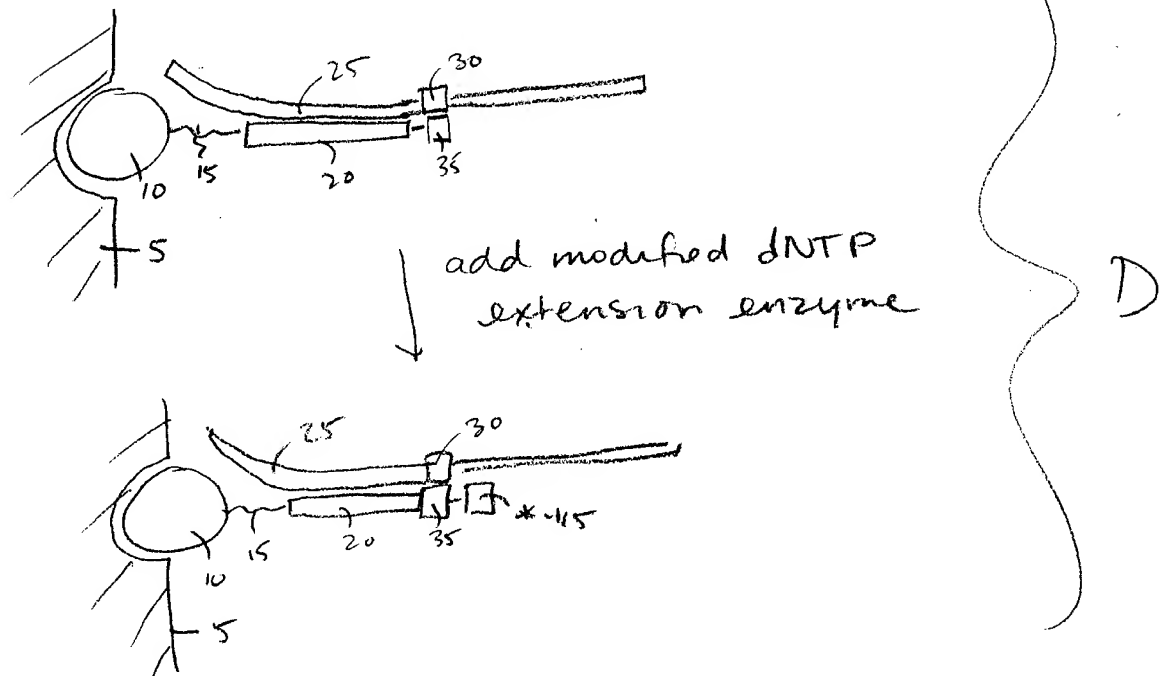
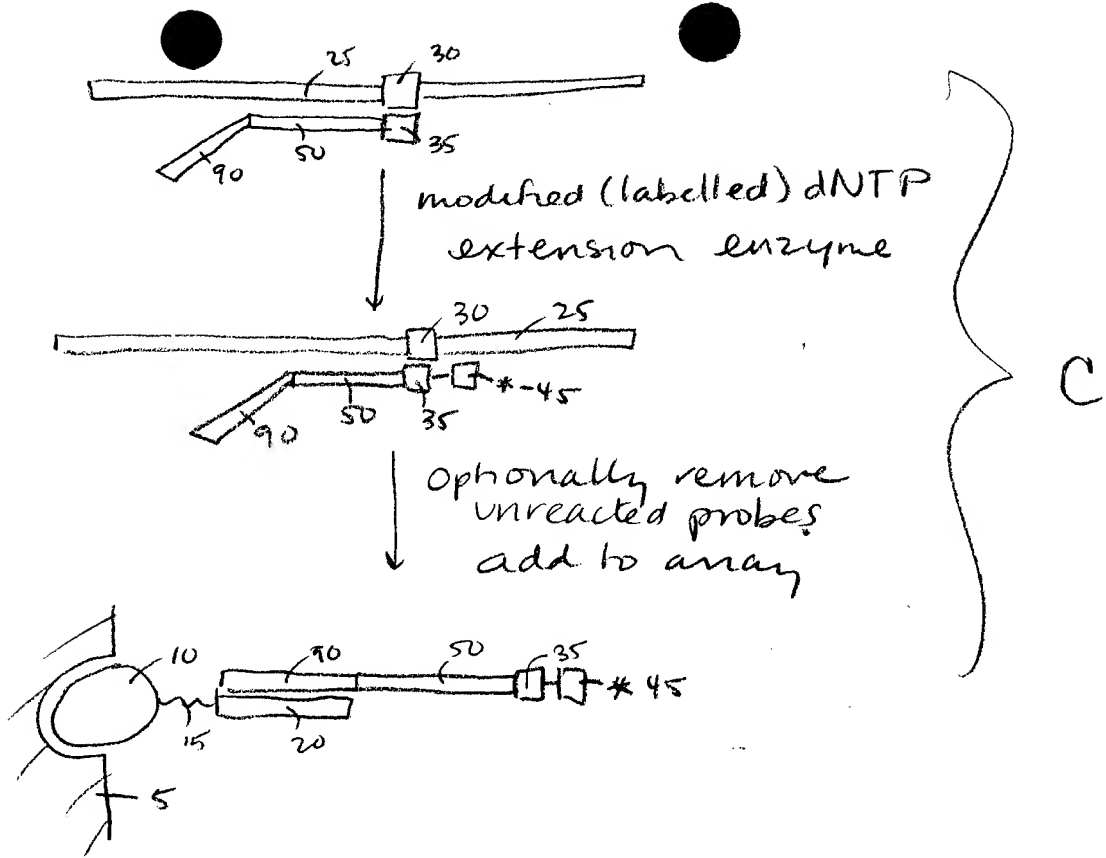
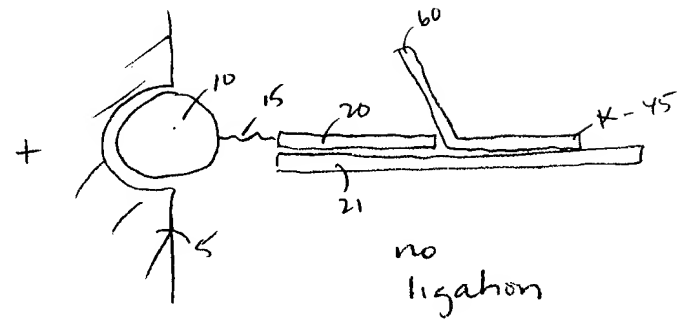
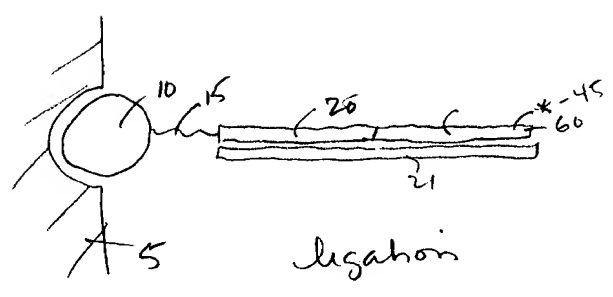
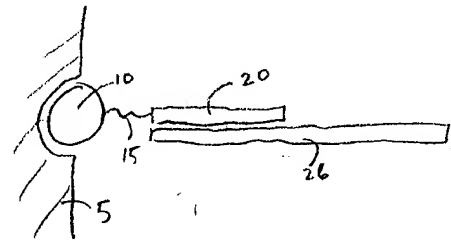
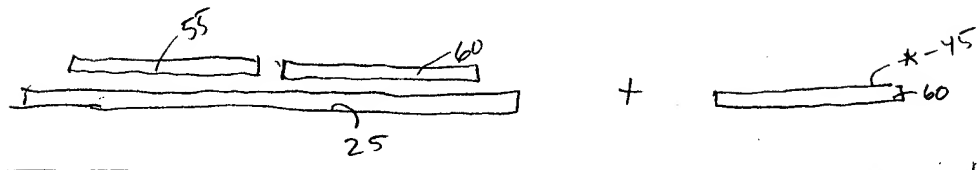
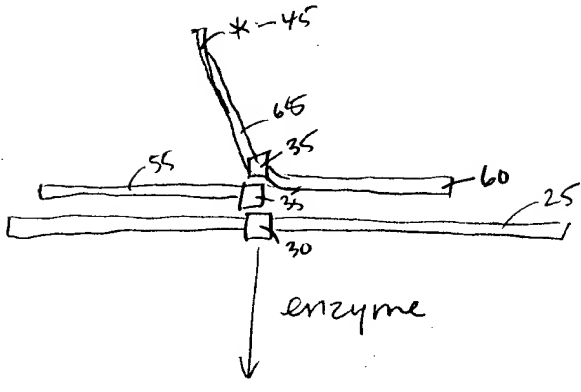
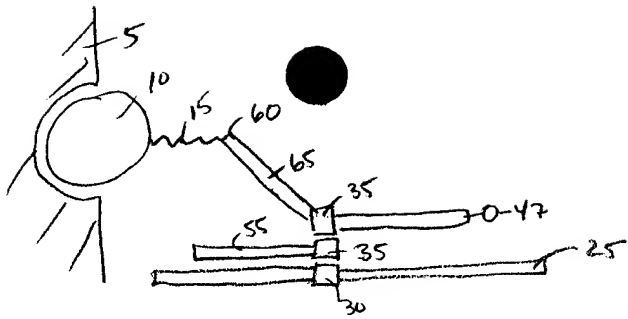
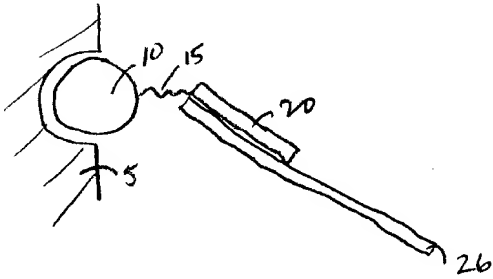


Fig 8

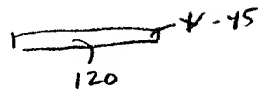




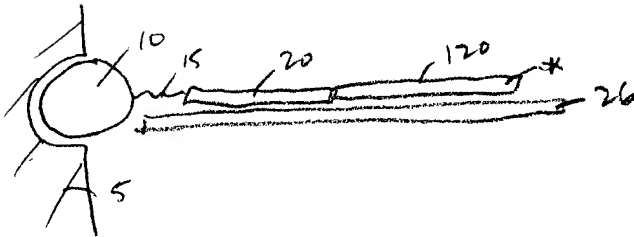
↓ cleavage enzyme  
target template



+

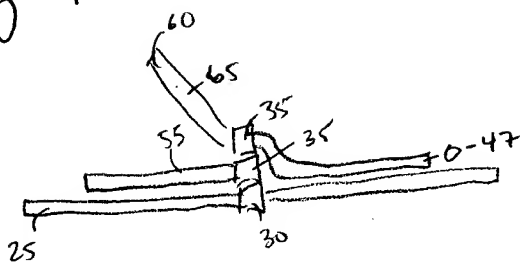


↓ ligation

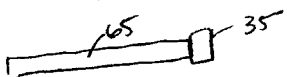


8B

Fig 9



cleavage

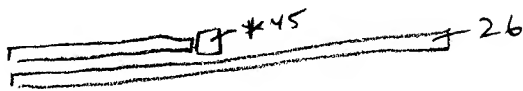


solid phase

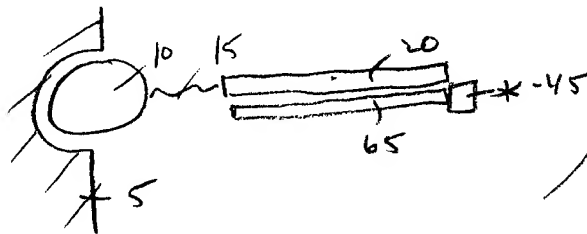
solution phase



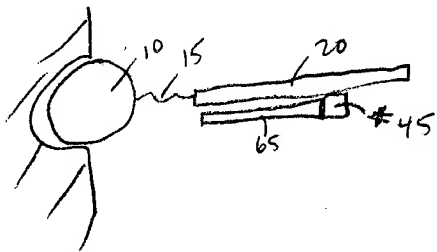
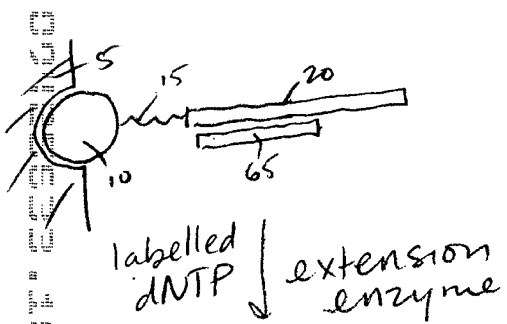
labelled dNTP extension enzyme

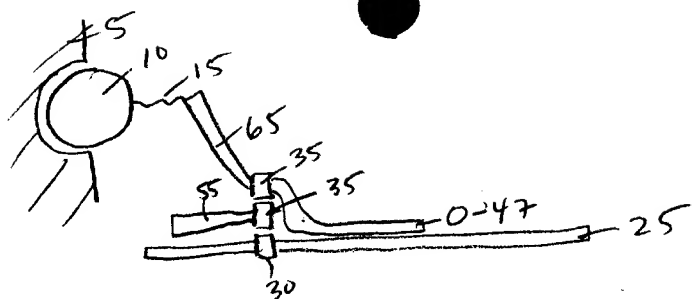


optional removal of unextended primers add to array

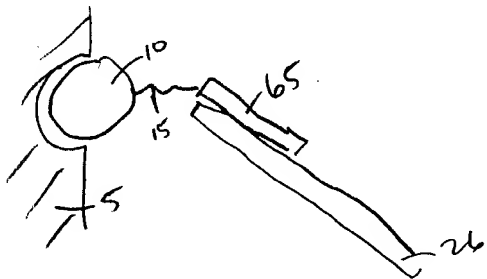


A





↓ cleavage  
add target template



labelled  
dNTP

↓ extension  
enzyme

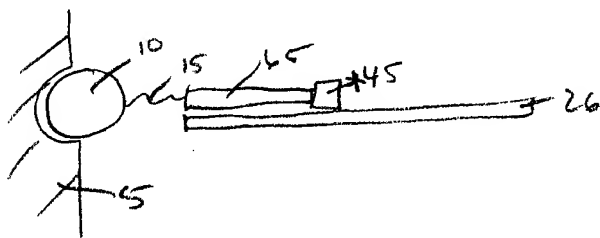
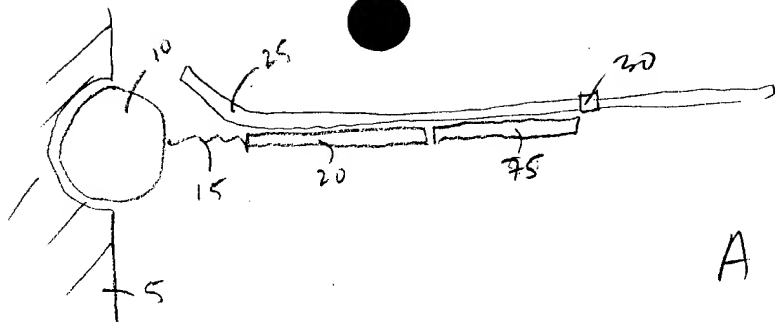


Fig 9

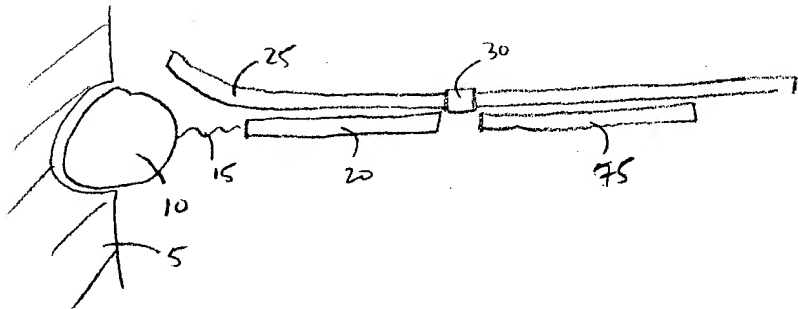
B



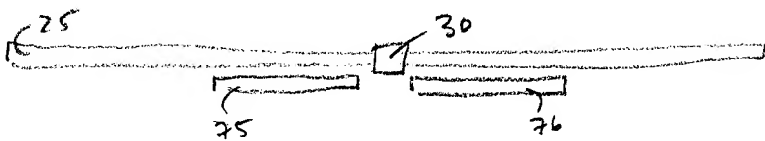


A

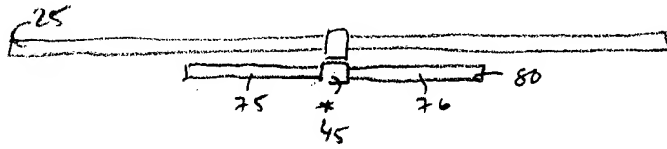
Fig 10



B



labeled dNTP  
extension enzyme  
ligase



optional  
removal of  
unextended  
primers

denature  
add to array

